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NOTICE OF ALLOWANCE AND FEE(S) DUE

60429

7590

04/24/2008

CAMPBELL STEPHENSON LLP 11401 CENTURY OAKS TERRACE BLDG. H, SUITE 250 AUSTIN. TX 78758

EXAMINER					
PATEL, HETUL B					
ART UNIT	PAPER NUMBER				
2186					

DATE MAILED: 04/24/2008

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/642,862 08/18/2003 Vivek V. Gupta VRT0092US 3308

TITLE OF INVENTION: METHOD AND SYSTEM FOR IMPROVED STORAGE SYSTEM PERFORMANCE USING CLONING OF CACHED DATA

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$0	\$0	\$1440	07/24/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where ar in m

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			-						(Signature) (Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENT	FOR		ATTO	RNEY DOCKET NO.	CONF	IRMATION NO.
10/642,862	08/18/2003		Vivek V. Gupta				VRT0092US		3308
ITLE OF INVENTION	: METHOD AND SYST	EM FOR IMPROVED S	TORAGE SYSTEM PI	ERF	DRMANCE USIN	G CLC	ONING OF CACHED	DATA	
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DU	UE	PREV. PAID ISSUE	E FEE	TOTAL FEE(S) DUE		DATE DUE
nonprovisional	NO	\$1440	\$0		\$0		\$1440		07/24/2008
EXAM	INER	ART UNIT	CLASS-SUBCLASS						
PATEL, I	HETUL B	2186	711-119000						
Change of correspondence address or indication of "Fee Address" (37 FR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			(1) the names of up or agents OR, altern (2) the name of a si registered attorney	a single firm (having as a member a ey or agent) and the names of up to ent attorneys or agents. If no name is					
PLEASE NOTE: Unl	less an assignee is identi h in 37 CFR 3.11. Comp	A TO BE PRINTED ON The fied below, no assignee eletion of this form is NO	data will appear on th	ie par an a	tent. If an assignessignment. and STATE OR C	OUNT	'RY)		_
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APPLICATION NO.	FILING DATE FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/642,862	08/18/2003	Vivek V. Gupta	VRT0092US	3308	
60429 75	590 04/24/2008		EXAM	INER	
CAMPBELL ST	EPHENSON LLP	PATEL, HETUL B			
	OAKS TERRACE		ART UNIT	PAPER NUMBER	
BLDG. H, SUITE 250 AUSTIN, TX 78758		2186 DATE MAILED: 04/24/200	8		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 224 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 224 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	A P C NI -	A P (t-)			
	Application No.	Applicant(s)			
Netice of Allewskills	10/642,862	GUPTA ET AL.			
Notice of Allowability	Examiner	Art Unit			
	HETUL PATEL	2186			
The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS (herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSED in this ap or other appropriate communicatior GHTS. This application is subject to and MPEP 1308.	plication. If not included not will be mailed in due course. THIS			
1. This communication is responsive to the RCE filed on 01/2.	<u>2/2008</u> .				
2. \boxtimes The allowed claim(s) is/are <u>1,2,4-7,9-36 and 38-40; and the</u>	ey are renumbered as 2-12,16-37,1	and 13-15, respectively.			
 Acknowledgment is made of a claim for foreign priority un a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received:	been received. been received in Application No				
Applicant has THREE MONTHS FROM THE "MAILING DATE" on noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be submit the period of t	ENT of this application. Itted. Note the attached EXAMINER	'S AMENDMENT or NOTICE OF			
INFORMAL PATENT APPLICATION (PTO-152) which give	. , -	ition is deficient.			
5. CORRECTED DRAWINGS (as "replacement sheets") mus					
(a) ☐ including changes required by the Notice of Draftsperso	•	948) attached			
1) hereto or 2) to Paper No./Mail Date					
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date	s Amendment / Comment or in the C	Office action of			
Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the					
 DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT I 					
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5. ☐ Notice of Informal F	Patent Application			
 In Notice of References Cited (PTO-892) In Notice of Draftperson's Patent Drawing Review (PTO-948) 	6. ☐ Interview Summary				
3. ☐ Information Disclosure Statements (PTO/SB/08),	Paper No./Mail Da 7.	te			
Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit 8. ☑ Examiner's Statement of Reasons for Allo of Biological Material					
	9. 🔲 Other				
	/Pierre-Michel Bataille/ Primary Examiner, Art Unit	: 2186			

Application/Control Number: 10/642,862 Page 2

Art Unit: 2186

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

- 1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 01/22/2008 has been entered.
- 2. Claims 14, 27, 30, 33 and 36 are amended; claim 37 is cancelled; and claims 38-40 are newly added. Therefore, claims 1-2, 4-7, 9-36 and 38-40 are currently pending in this application.

Allowable Subject Matter

- 3. Claims 1-2, 4-7, 9-36 and 38-40 are allowed; and they are renumbered as 2-12, 16-37, 1 and 13-15, respectively.
- 4. This communication warrants no examiner's reason for allowance, as applicant's reply makes evident the reason for allowance, satisfying the record as whole as required by rule 37 CFR 1.104 (e). In this case, the substance of applicant's remarks filed on 01/22/2008 with respect to the amended claim limitations point out the reason claims are patentable over the prior art of record. Thus, the reason for allowance is in all

probability evident from the record and no statement for examiner's reason for allowance is necessary (see MPEP 13202.14).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to HETUL PATEL whose telephone number is (571)272-4184. The examiner can normally be reached on 8:00 - 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matt Kim can be reached on 571-272-4182. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 10/642,862 Page 4

Art Unit: 2186

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Hetul Patel/

Hetul Patel Patent Examiner, Art Unit 2186

/Pierre-Michel Bataille/ Pierre-Michel Bataille Primary Examiner, Art Unit 2186 April 22, 2008